

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A radio communication apparatus in a radio packet communication system constituted by a plurality of radio stations and having a plurality of radio channels,
~~characterized by~~ said radio communication apparatus comprising:

means for ~~registering~~ storing a radio channel used by a remote radio station and an address of said remote radio station;

means for selecting a radio channel that is registered and used by a destination radio station ~~for~~ identified by an address in a packet to be transmitted; and

means for transmitting/~~receiving~~ the packet by using the selected radio channel, wherein if the radio channel used by the destination radio station for the packet to be transmitted is ~~registered~~ stored, the packet is transmitted by using the radio channel used by the destination radio station.
2. (Previously Presented) A radio communication apparatus in a radio packet communication system according to claim 1, characterized in that if the radio channel used by the destination radio station for the packet to be transmitted is not registered, the packet is transmitted by using a radio channel used by a self-station.
3. (Currently Amended) A radio communication apparatus in a radio packet communication system according to claim 1, characterized by further comprising means for, when the selected radio channel differs from a radio channel which the ~~self-station~~

apparatus uses for data reception, notifying that the ~~self-station~~
apparatus cannot receive any packet, transmitting the packet by
using the selected radio channel, and then notifying that the ~~self-~~
~~station~~ apparatus can receive a packet.

4. (Previously Presented) A radio communication apparatus in a radio packet communication system according to claim 1, characterized by further comprising a self-station channel transmission/reception section and remote channel transmission/reception section as means for transmitting/receiving the packet.
5. (Previously Presented) A radio communication apparatus in a radio packet communication system according to claim 1, characterized by further comprising means for searching for a radio channel used by a destination radio station and registering the found radio channel.
6. (Previously Presented) A radio communication apparatus in a radio packet communication system according to claim 5, characterized in that said means for searching for the radio channel and registering the found radio channel searches a radio channel by transmitting/receiving a control packet at the time of a radio channel search.
7. (Previously Presented) A radio communication apparatus in a radio packet communication system according to claim 2, characterized by further comprising means for, when the selected radio channel differs from a radio channel which the self-station uses for data reception, notifying that the self-station cannot receive any packet, transmitting the packet by using the selected

radio channel, and then notifying that the self-station can receive a packet.

8. (Previously Presented) A radio communication apparatus in a radio packet communication system according to claim 2, characterized by further comprising a self-station channel transmission/reception section and remote channel transmission/reception section as means for transmitting/receiving the packet.
9. (Previously Presented) A radio communication apparatus in a radio packet communication system according to claim 2, characterized by further comprising means for searching for a radio channel used by a destination radio station and registering the found radio channel.
10. (Previously Presented) A radio communication apparatus in a radio packet communication system according to claim 3, characterized by further comprising means for searching for a radio channel used by a destination radio station and registering the found radio channel.
11. (Previously Presented) A radio communication apparatus in a radio packet communication system according to claim 4, characterized by further comprising means for searching for a radio channel used by a destination radio station and registering the found radio channel.
12. (Previously Presented) A radio communication apparatus in a radio packet communication system according to claim 9, characterized in that said means for searching for the radio

channel and registering the found radio channel searches a radio channel by transmitting/receiving a control packet at the time of a radio channel search.

13. (Previously Presented) A radio communication apparatus in a radio packet communication system according to claim 10, characterized in that said means for searching for the radio channel and registering the found radio channel searches a radio channel by transmitting/receiving a control packet at the time of a radio channel search.
14. (Previously Presented) A radio communication apparatus in a radio packet communication system according to claim 11, characterized in that said means for searching for the radio channel and registering the found radio channel searches a radio channel by transmitting/receiving a control packet at the time of a radio channel search.
15. (New) A radio communication apparatus in a radio packet communication system that comprises a plurality of radio stations and having a plurality of radio channels, wherein said apparatus comprises:
 - a channel registration section that stores an address of a radio station and an associated radio channel used by said radio station;
 - a channel control section that selects a radio channel corresponding to a destination radio station address in a packet to be transmitted; and

a radio transceiver that transmits the packet using the selected
radio channel if said destination radio station address is
stored.